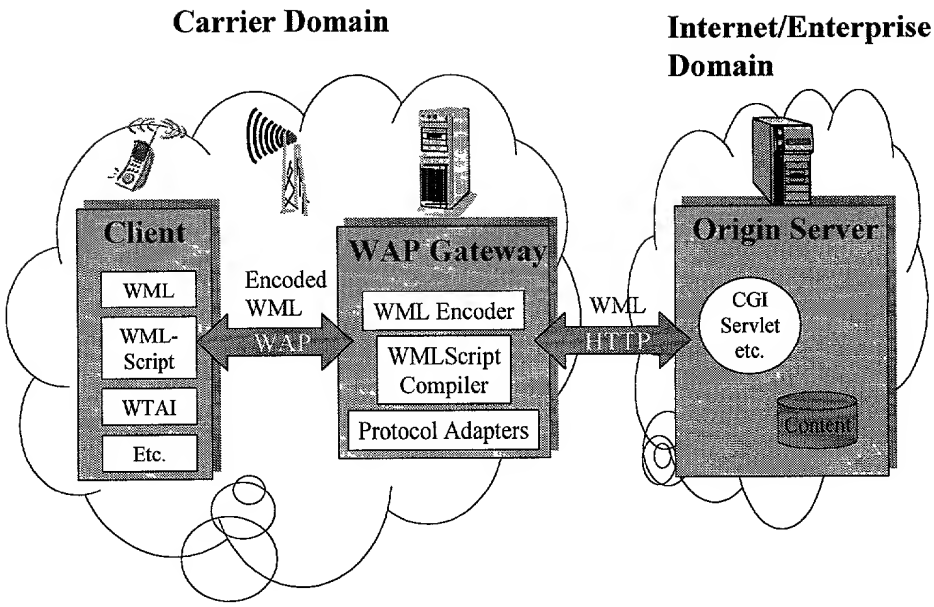

Figure 1A WAP Architecture (Prior art)

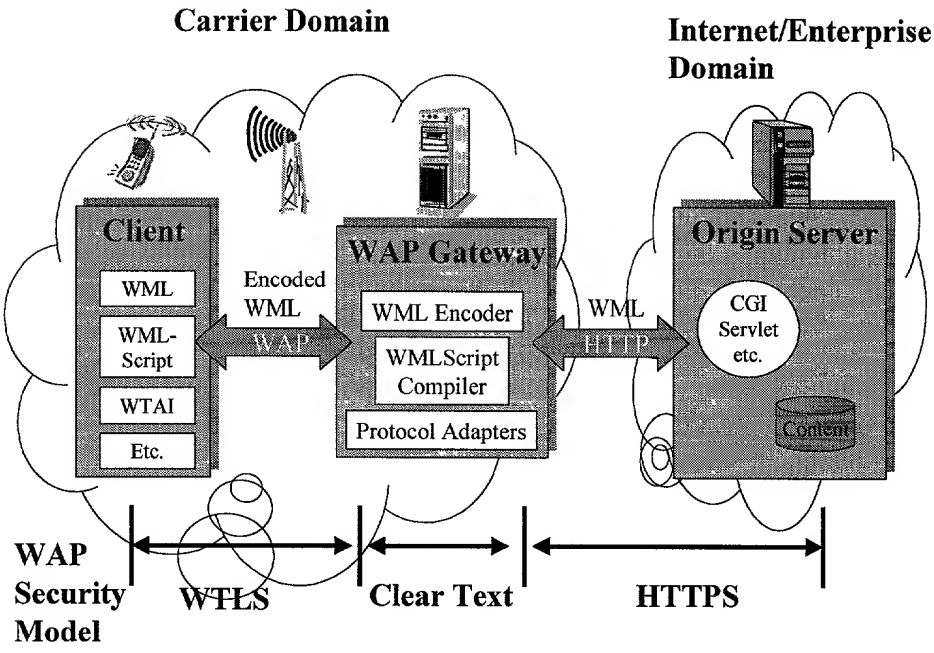

Figure 1B Security Hole in the Existing WAP Architecture (Prior Art)

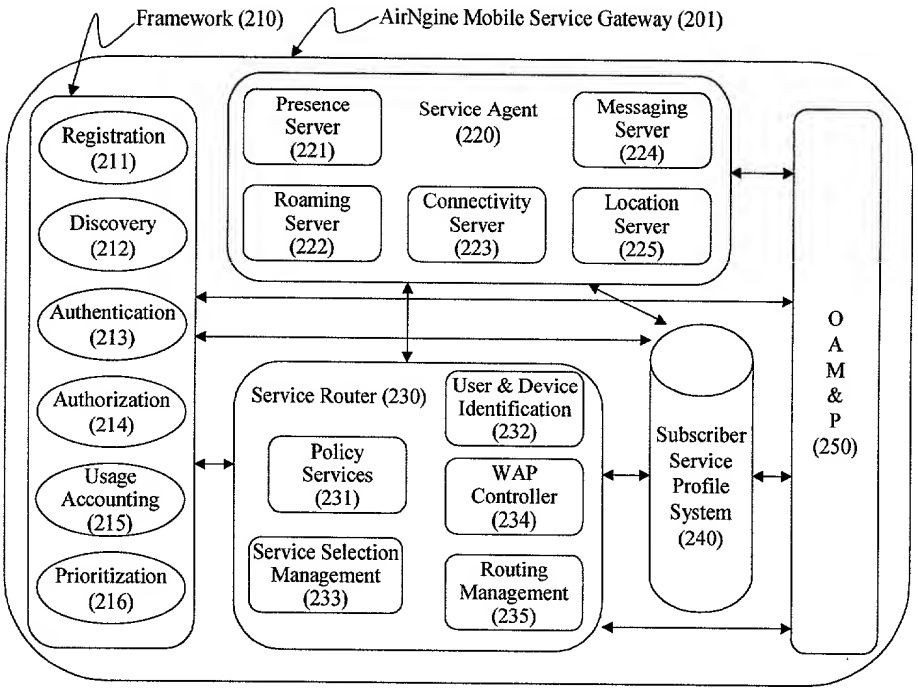

Figure 2 AirNgine Mobile Service Gateway (201) Block Diagram

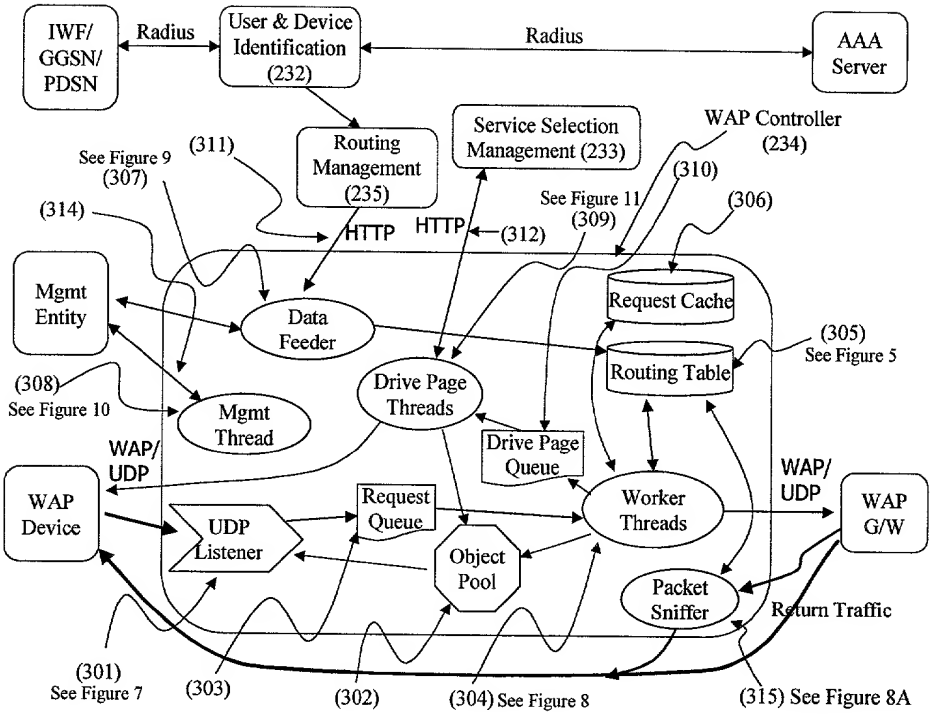

Figure 3 WAP Controller (234) Block Diagram

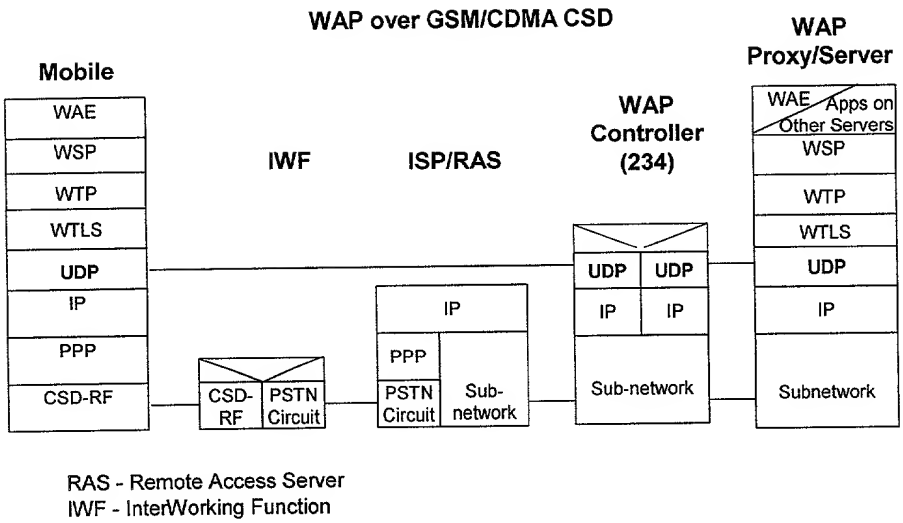

Figure 4 WAP Controller (234) Protocol Stack

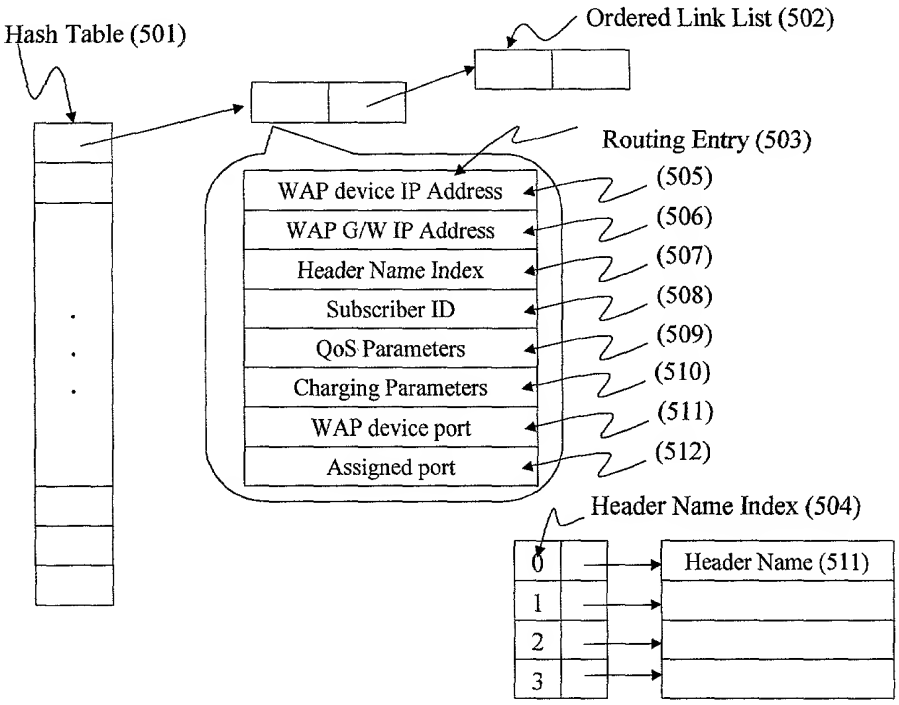

Figure 5 WAP Controller (234) Routing Table (305) Data Structure

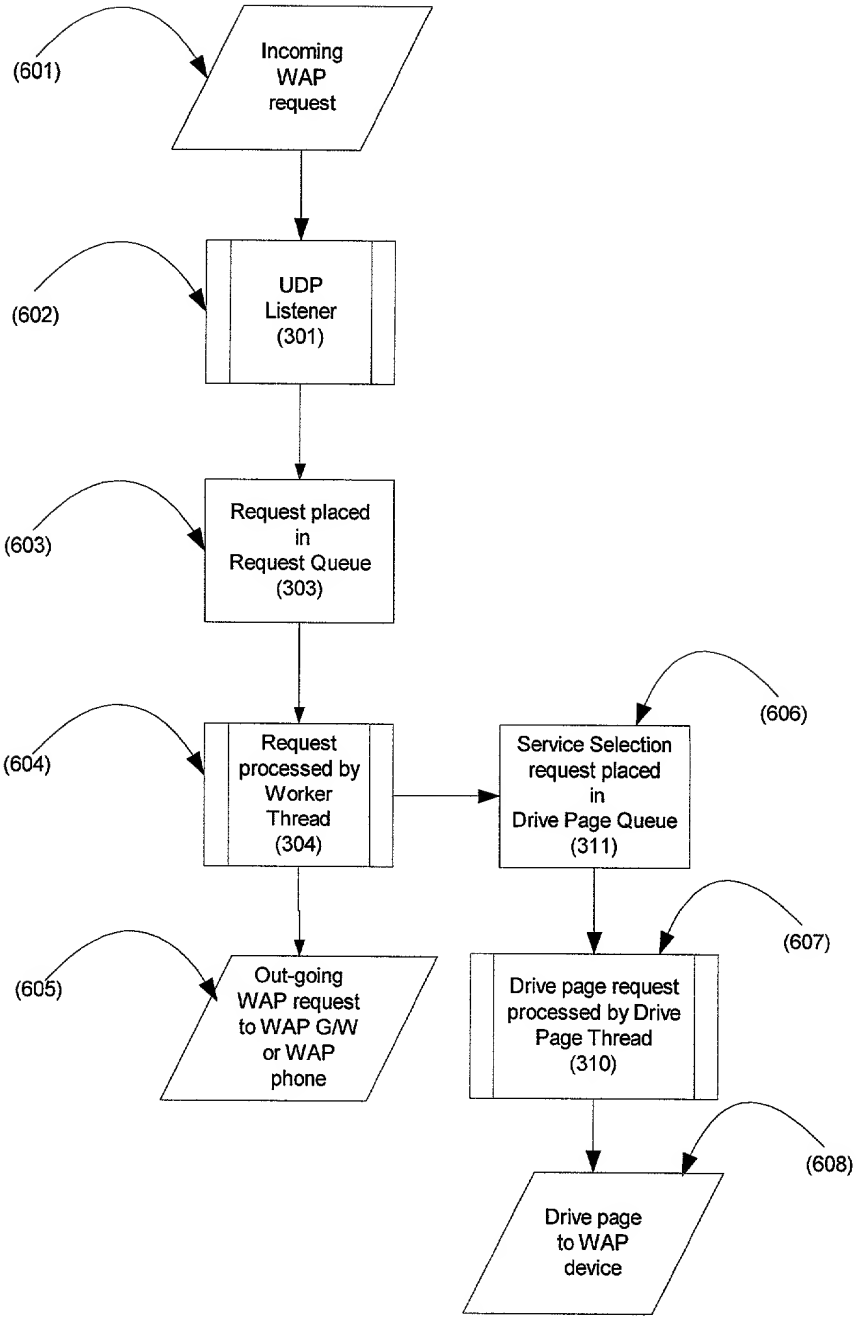

Figure 6. WAP Controller (234) Overall Flow Chart

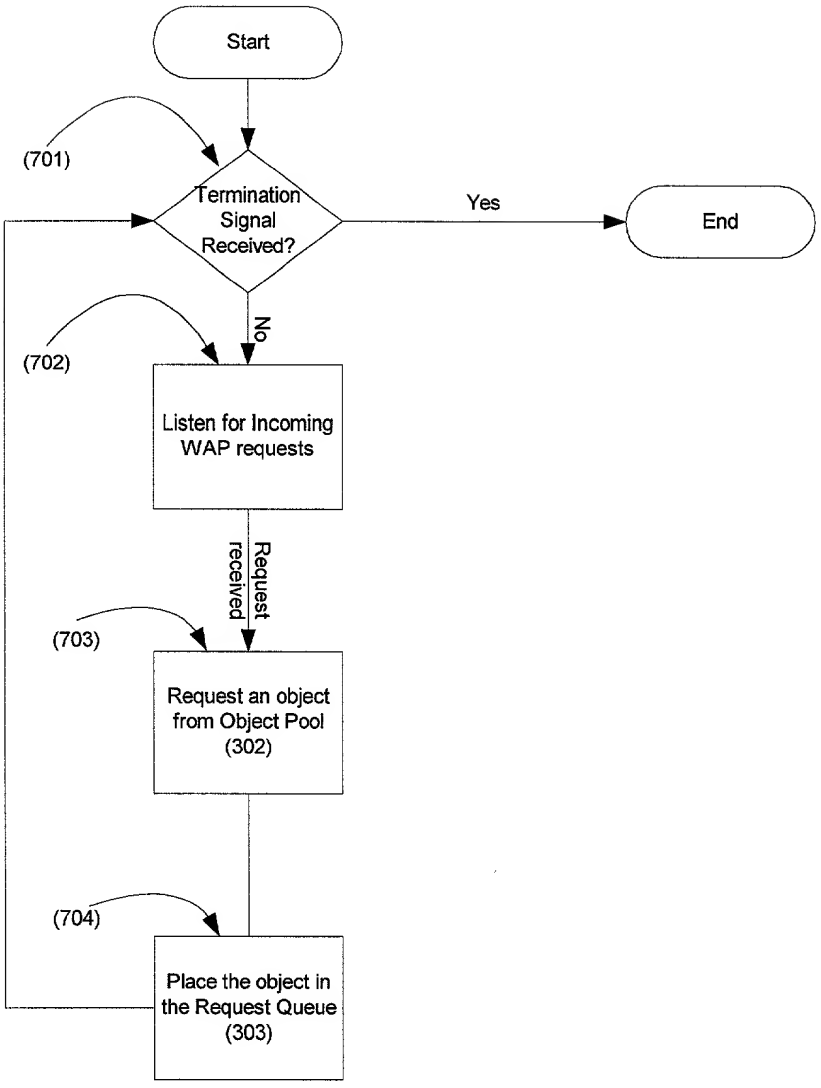

Figure 7. UDP Listener Thread (301) Flow Chart

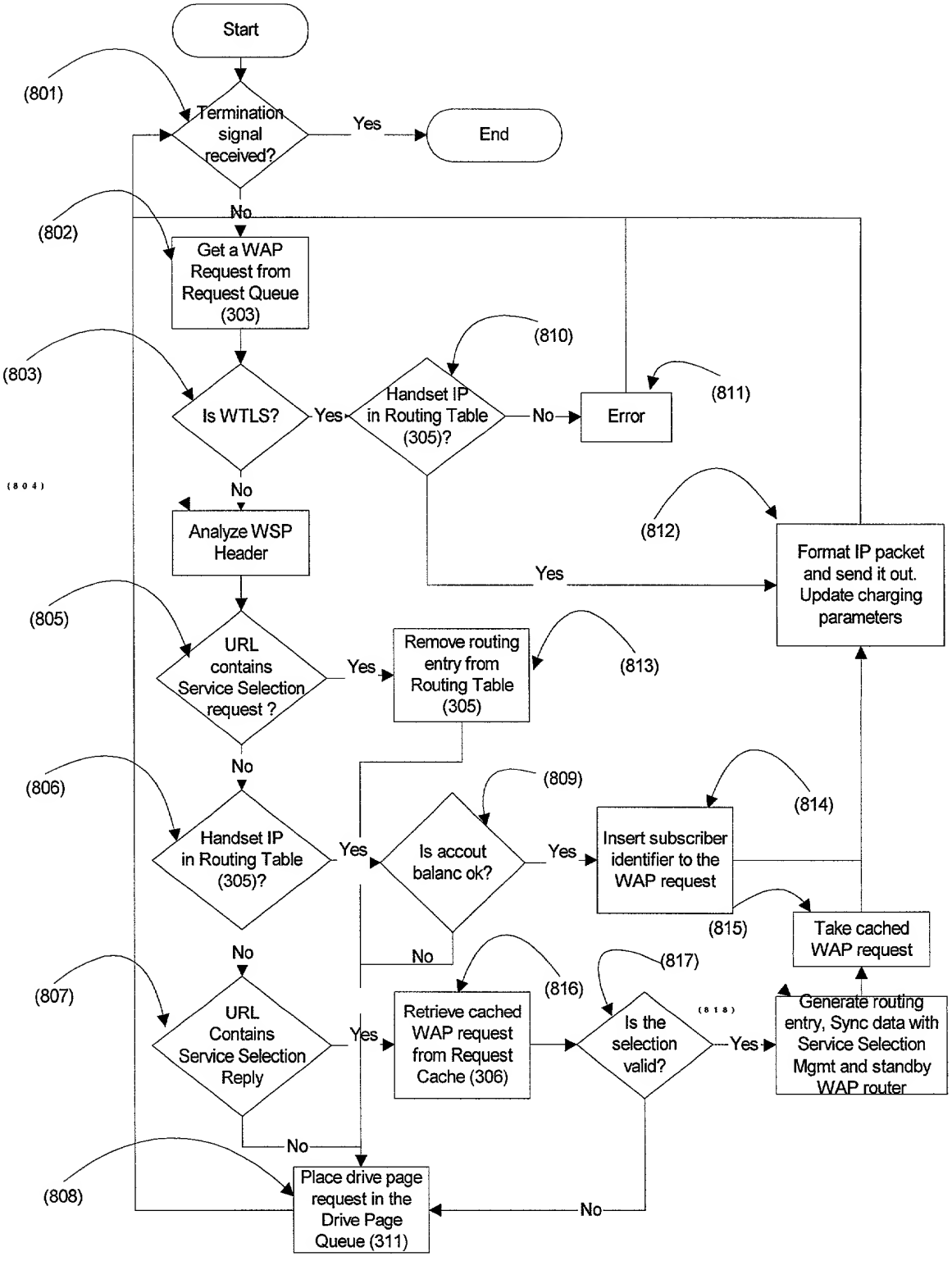

Figure 8 Flow Chart of Worker Thread (304)

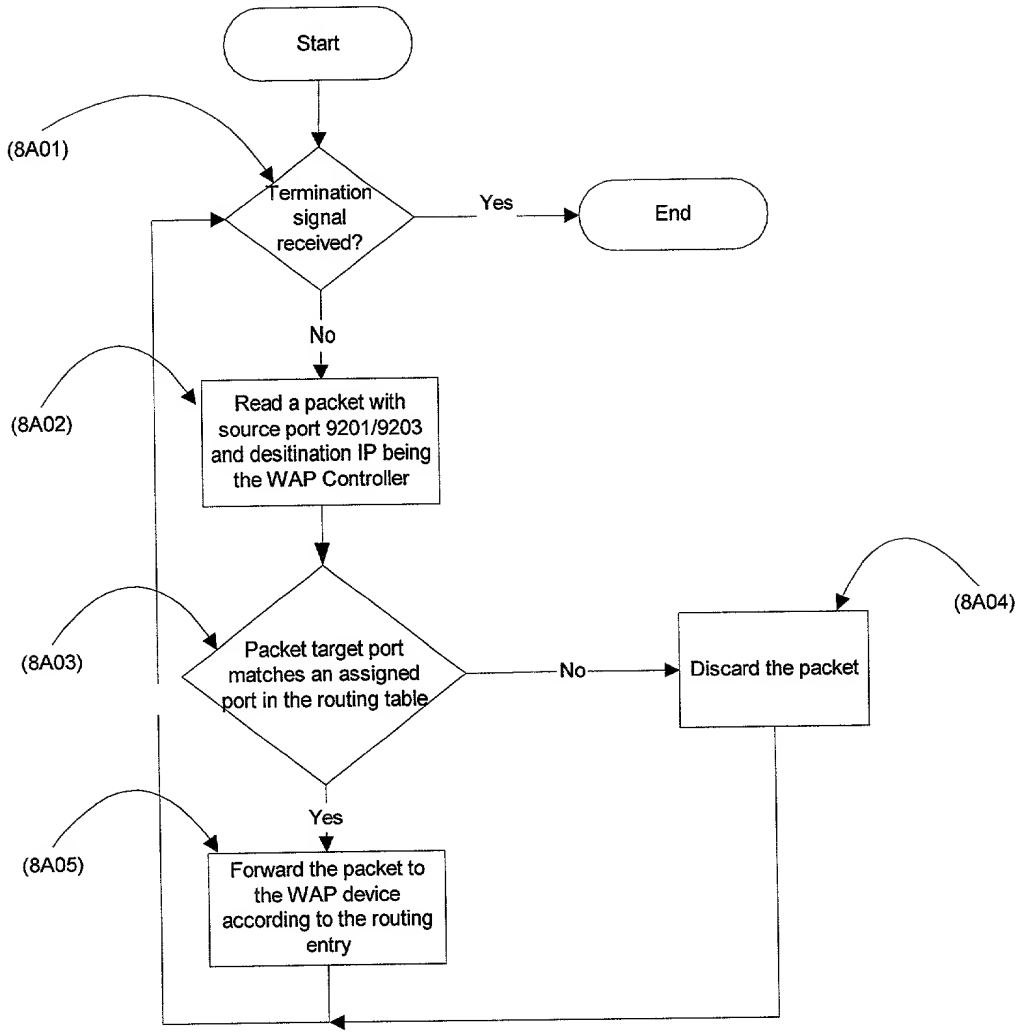

Figure 8A Flow Chart of Packet Sniffer Thread (315)

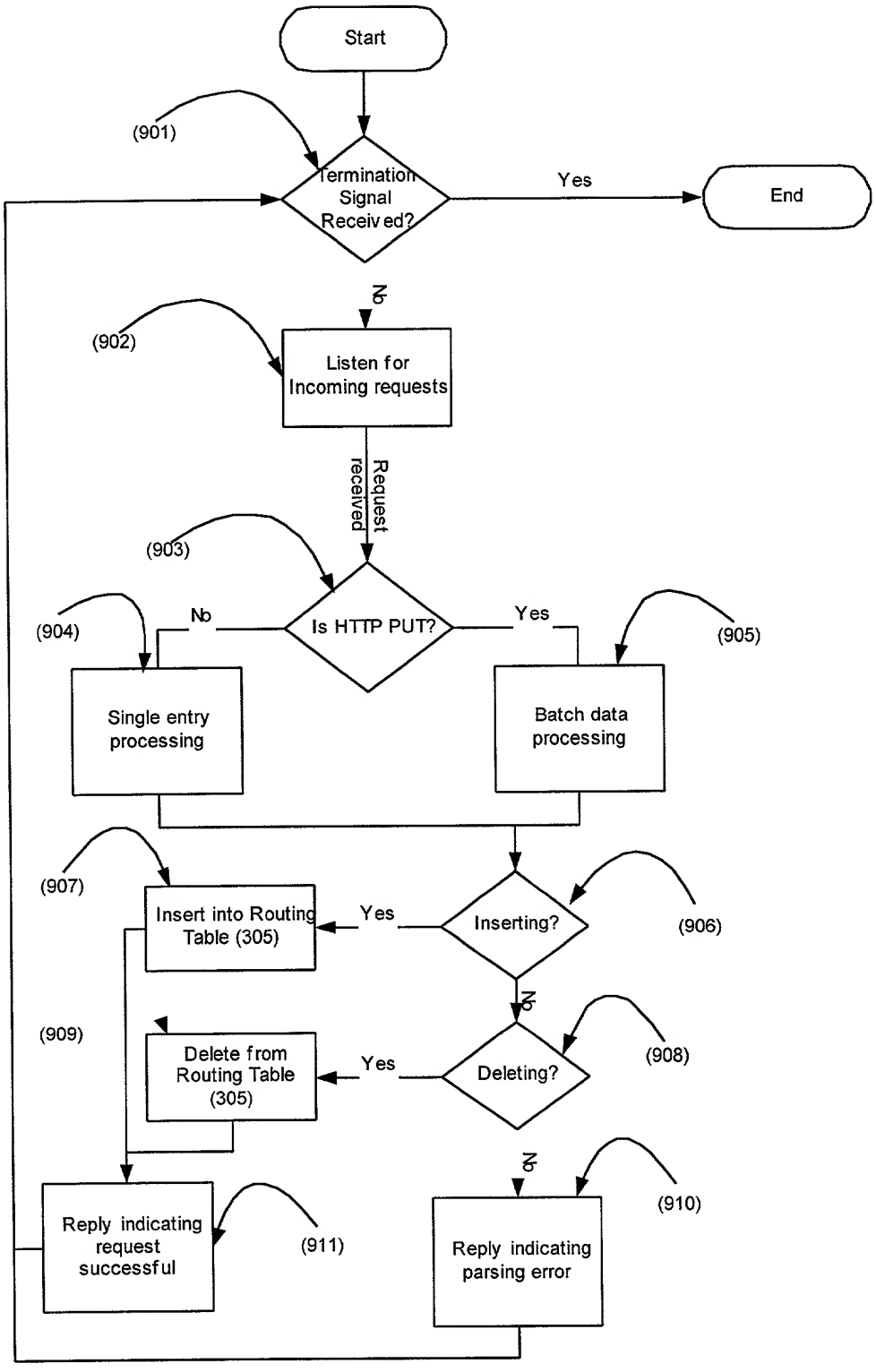

Figure 9 Data Feeder Thread (307) Flow Chart

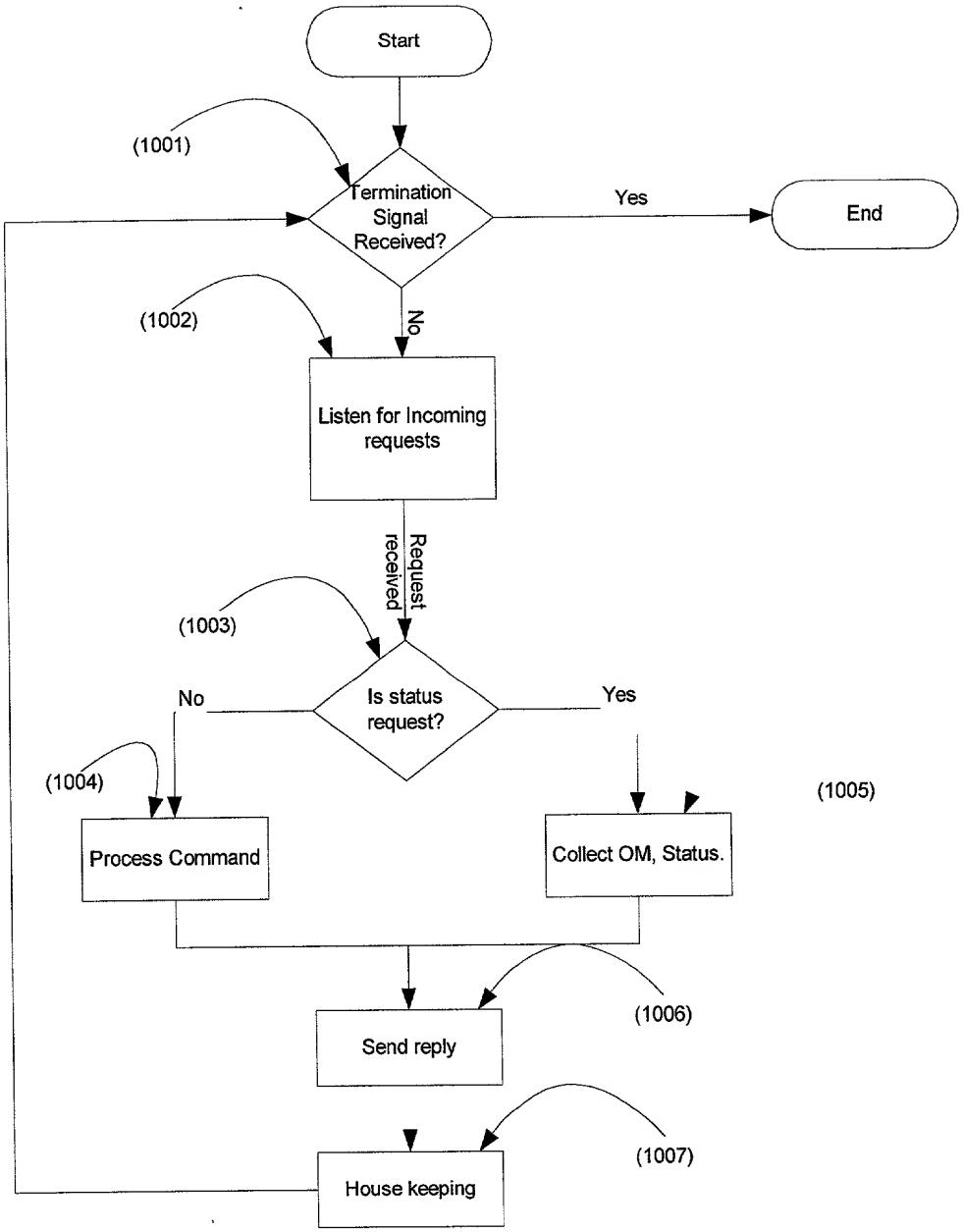

Figure 10. Management Thread (308) Flow Chart

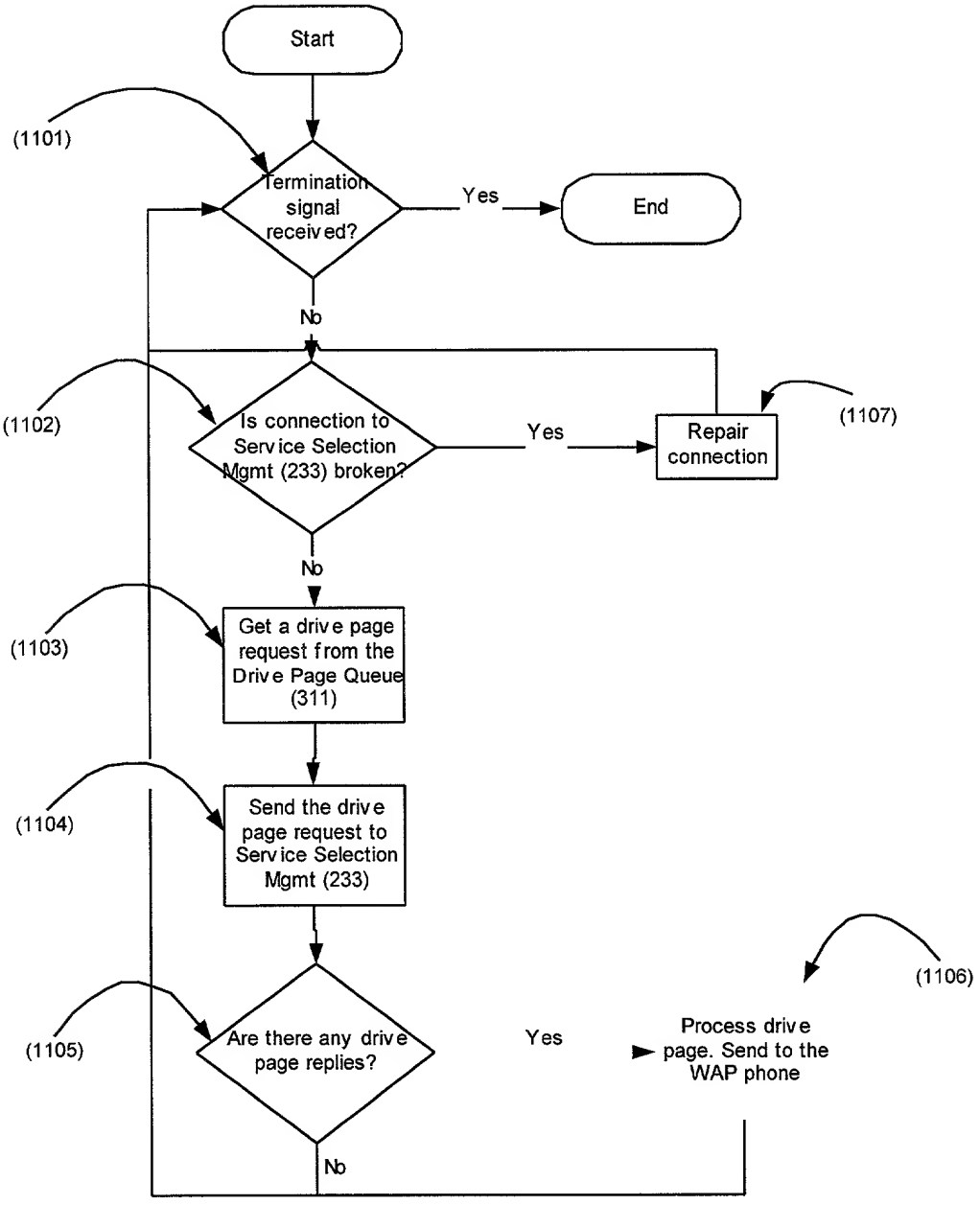

Figure 11 Flow Chart of Drive Page Thread (310)

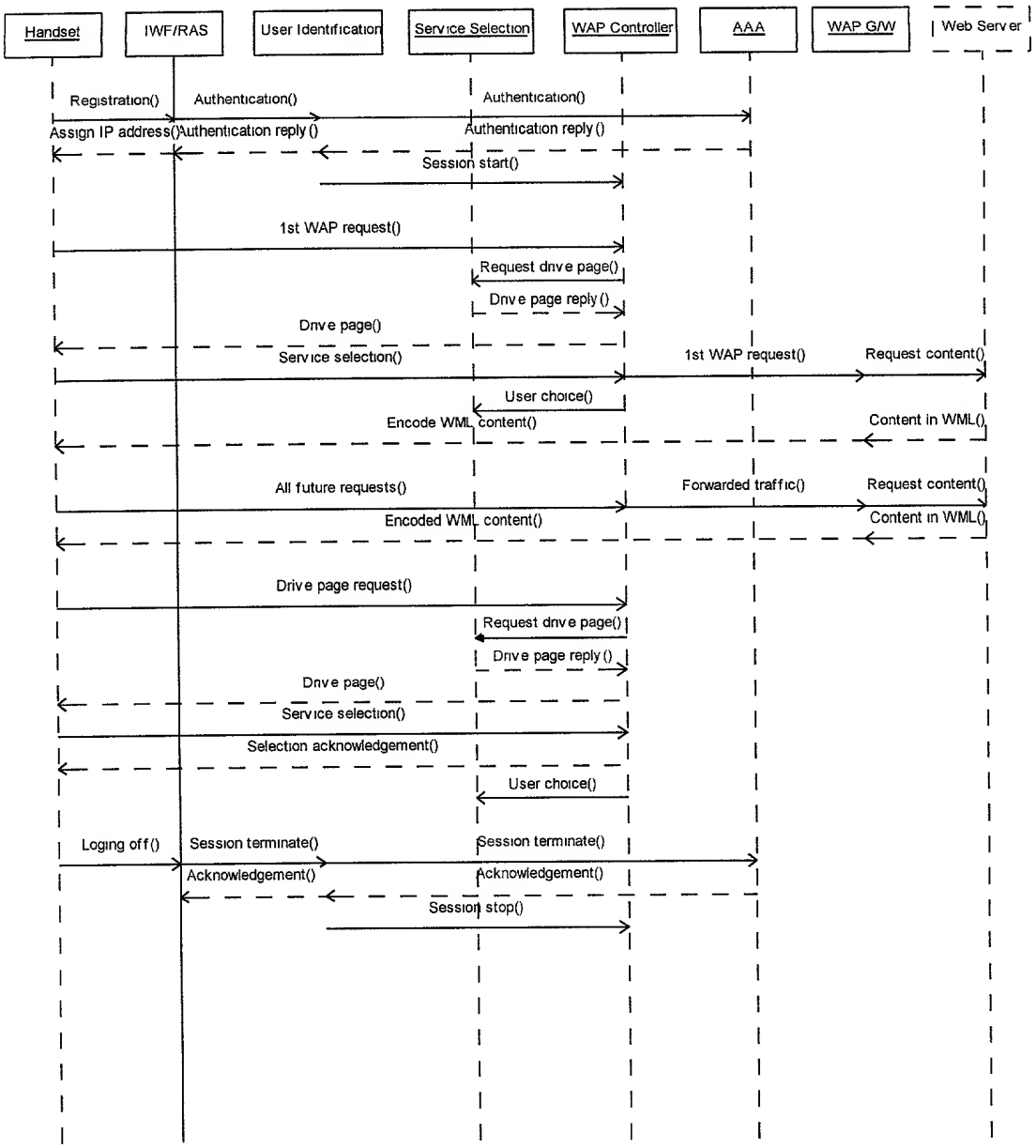

Figure 12 WAP Controller (234), User & Device Identification (232) and Service Selection Management (233) Message Sequence Diagram

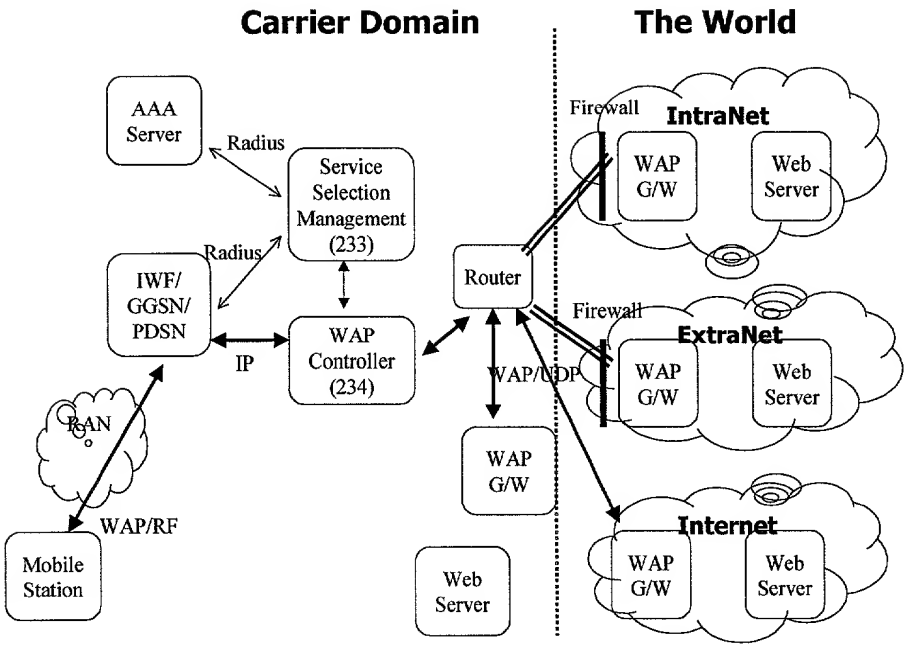

Figure 13 WAP Controller (234) and Service Selection Management (233) Deployment Scenarios

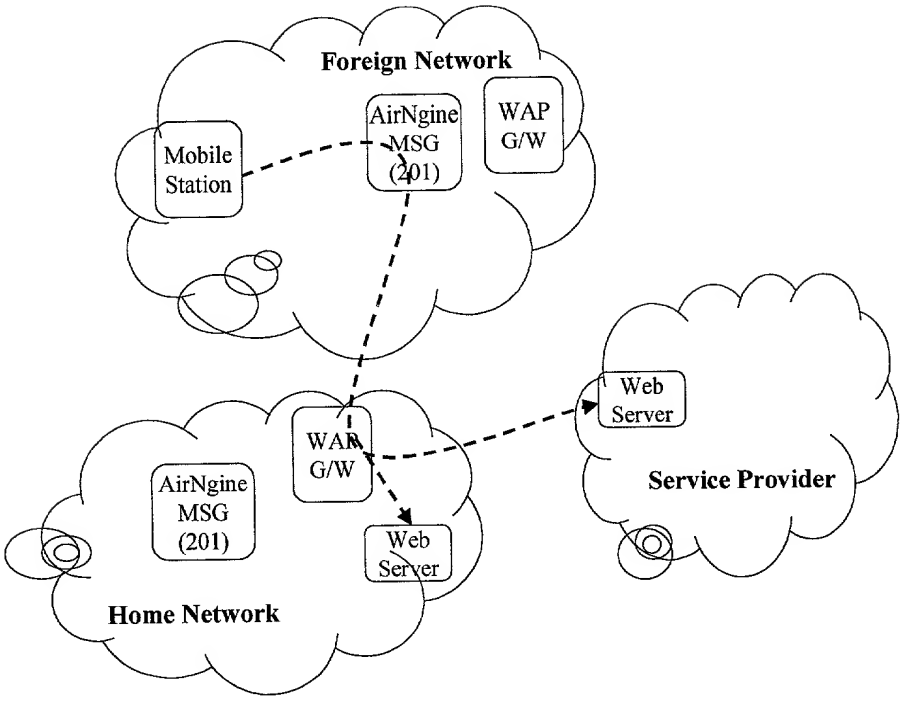

Figure 14 AirNgine MSG (201) in Roaming Scenario

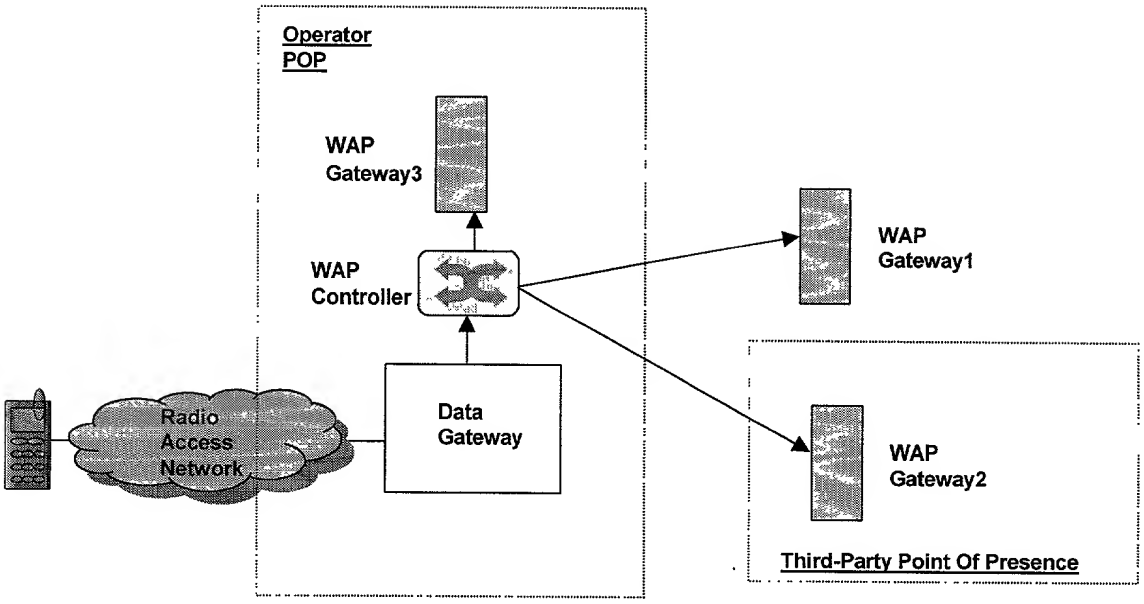

Figure 15 WAP Controller (234) within a Wireless Network External to Data Gateway

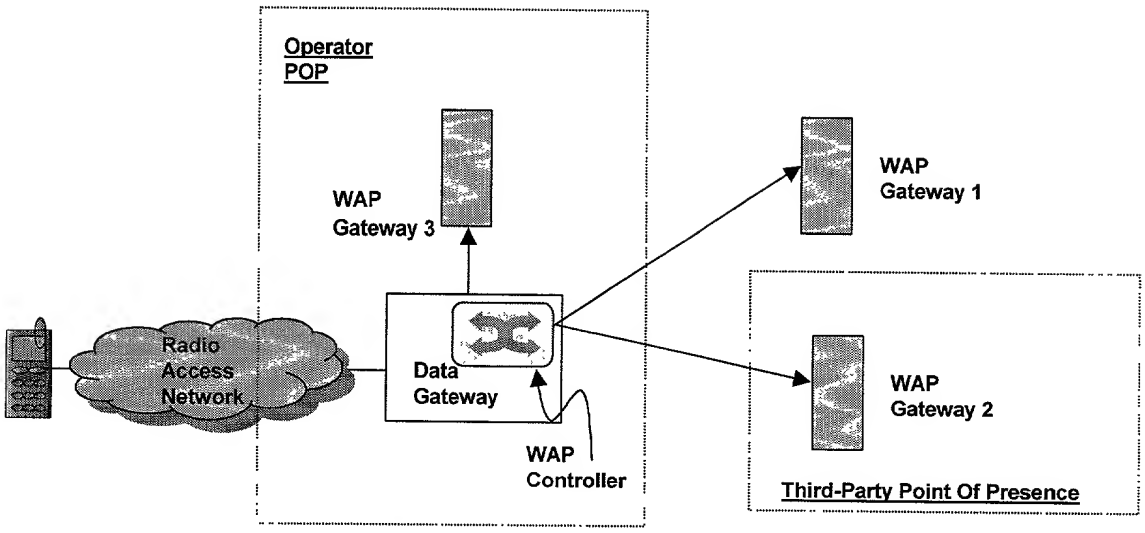

Figure 16 WAP Controller (234) embedded in Data Gateway within a Wireless Data Network